

Title (en)

WIRELESS BROADCAST COMMUNICATION SYSTEM AND BROADCAST SERVICE METHOD THEREOF

Title (de)

DRAHTLOSES RUNDFUNKKOMMUNIKATIONSSYSTEM UND RUNDFUNKDIENSTVERFAHREN DAFÜR

Title (fr)

SYSTÈME DE COMMUNICATION DE DIFFUSION SANS FIL ET PROCÉDÉ ASSOCIÉ POUR SERVICES DE DIFFUSION

Publication

**EP 2441253 A4 20150325 (EN)**

Application

**EP 10786372 A 20100610**

Priority

- KR 2010003706 W 20100610
- KR 20090051653 A 20090610

Abstract (en)

[origin: US2010315986A1] A wireless broadcast communication system includes a transmitter that provides broadcast services via a plurality of frames based on inband signaling, and a receiver that switches a sleep mode to an active mode and receives the target broadcast packets, according to the timing information. The receiver is repeatedly switched to the sleep mode according to the timing information. The system uses the scheduling information to detect broadcast packets via a plurality of frames, thereby enhancing the use efficiency of the scheduling information. Although the receiver fails to receive scheduling information via a particular frame, it can detect a position of a broadcast packet using the stored scheduling information.

IPC 8 full level

**H04N 7/08** (2006.01); **H04N 7/12** (2006.01)

CPC (source: EP KR US)

**H04H 20/426** (2013.01 - EP US); **H04L 47/10** (2013.01 - US); **H04L 47/15** (2013.01 - EP US); **H04L 47/28** (2013.01 - EP US); **H04N 7/08** (2013.01 - KR); **H04N 7/12** (2013.01 - KR); **H04W 8/04** (2013.01 - US); **H04W 52/0216** (2013.01 - EP US); **Y02D 30/70** (2020.08 - EP US)

Citation (search report)

- [X] US 2005255862 A1 20051117 - JUNG JUNG-SOO [KR], et al
- [A] WO 2009045060 A1 20090409 - SAMSUNG ELECTRONICS CO LTD [KR], et al
- [A] WO 2004102964 A1 20041125 - NOKIA CORP [FI], et al
- [A] EP 1799003 A1 20070620 - MATSUSHITA ELECTRIC IND CO LTD [JP]
- [A] WO 2004066652 A1 20040805 - NOKIA CORP [FI], et al
- [A] EP 1511335 A2 20050302 - SAMSUNG ELECTRONICS CO LTD [KR]
- [A] WO 2007078118 A1 20070712 - PANTECH CO LTD [KR], et al
- [A] WO 02082834 A1 20021017 - ETHERACTIVE SOLUTIONS AB [SE], et al
- See references of WO 2010143889A2

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

DOCDB simple family (publication)

**US 2010315986 A1 20101216**; EP 2441253 A2 20120418; EP 2441253 A4 20150325; KR 101613857 B1 20160502; KR 20100132852 A 20101220; WO 2010143889 A2 20101216; WO 2010143889 A3 20110303

DOCDB simple family (application)

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